## UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

| OMB APPR                 | ROVAL     |  |  |  |  |  |
|--------------------------|-----------|--|--|--|--|--|
| OMB Number:              | 3235-0287 |  |  |  |  |  |
| Estimated average burden |           |  |  |  |  |  |
| hours per respons        | se 0.5    |  |  |  |  |  |

longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

### STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| Print or Ty   | be Response | s)                                     |   |   |   |  |                   |                 |                         |                    |  |  |   |   |                          |   |   |                              |
|---|-------------|--|---|---|---|--|-------------------|-----------------|-------------------------|--------------------|--|--|---|---|--------------------------|---|---|------------------------------|
| Name and Address of Reporting Person *  DeManche Joseph P                     |             |  | 2. Issuer Name and Ticker or Trading Symbol Ameresco, Inc. [AMRC] |   |   |  |                   |                 |                         |                    | 5  | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner   |   |   |                          |   |   |                              |
| (Last) (First) (Middle)<br>C/O AMERESCO, INC., 111 SPEEN STREET,<br>SUITE 410 |             |  | 3. Date of Earliest Transaction (Month/Day/Year) 10/10/2011       |   |   |  |                   |                 |                         | )                  |  | X Officer (give title below) Other (specify below)  Executive Vice President   |   |   |                          |   |   |                              |
| (Street) FRAMINGHAM, MA 01701   |             |  | 4. If Amendment, Date Original Filed(Month/Day/Year)              |   |   |  |                   |                 |                         | ear)               |  | 6. Individual or Joint/Group Filing(Check Applicable Line)  X_Form filed by One Reporting Person  Form filed by More than One Reporting Person |   |   |                          |   |   |                              |
| (City) (State) (Zip)  |             |  |   | ip)                                       | Table I - Non-Derivative Securities Acqui |  |                   |                 |                         |                    |  | quir   | ired, Disposed of, or Beneficially Owned  |   |                          |   |   |                              |
| 1.Title of Security<br>(Instr. 3)   |             |  | Date  | 2. Transaction<br>Date<br>Month/Day/Year) |   | A. Deemed<br>secution Date, if<br>y<br>Month/Day/Year) | Code<br>(Instr. 8 |                 | (A) or<br>(D)           | (A) or Disposed of |  | E<br>F   | 5. Amount of Securities<br>Beneficially Owned Foli<br>Reported Transaction(s)<br>(Instr. 3 and 4) |   | ollowing C<br>s) F       | 6.<br>Ownership<br>Form:<br>Direct (D)  | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership |                              |
|   |             |  |   |   |   |  |                   | Code            | V                       | Amou               | int (A)  |  | ice   |   |                          |   | or Indirect ((I) (Instr. 4)                         | (Instr. 4)                   |
| Class A C   | ommon St    | ock                                    | 10/10/20  | 011                                       |   |  |                   | S(1)            |                         | 4,471              | D  | \$   | 10 2  | 237,938                                       |                          |   | D   |                              |
| Class A C   | ommon St    | ock                                    | 10/11/20  | 011                                       |   |  |                   | S(1)            |                         | 7,484              | l D  | \$   | 10 2  | 230,454                                       |                          |   | D   |                              |
|   |             |  | Ta  | able II - Do                              |   |  |                   | -               | the ted, D              | ained<br>form d    | in this<br>isplays<br>of, or I   | form<br>a cu<br>Benefi   | are<br>irren  | not req<br>tly valid                          | uired to re<br>d OMB cor | nformation<br>espond unl<br>ntrol numb  | ess   | SEC 1474 (9-<br>02)          |
| Security (Instr. 3)   | Conversion  | 3. Transaction<br>Date<br>(Month/Day/Y | Exe<br>Year) any  | 3A. Deemed<br>Execution Da                | e, if                                     | 4.<br>Transaction<br>Code                              |                   | 5. Number<br>of | er 6. E<br>and<br>e (Mo | ate Exe<br>Expirat | convertible securi<br>te Exercisable<br>Expiration Date<br>tth/Day/Year) |  | 7. Tit<br>Amou<br>Unde<br>Secur   | le and<br>unt of<br>rlying<br>rities<br>3 and |                          | 9. Number of<br>Derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction<br>(Instr. 4) | Owners Form of Derivat Securit Direct or India      | Ownership y: (Instr. 4) rect |
|   |             |  |   |   |   | Code   | V                 | (A) (D)         |                         | e<br>rcisable      | Expira<br>Date   | tion 1   | Γitle   | Amount<br>or<br>Number<br>of<br>Shares        |                          |   |   |                              |
| Repor   | ting O      | wners                                  |   |   |   |  |                   |                 |                         |                    |  |  |   |   |                          |   |   |                              |

| Post dia Company (Address  | Relationships |           |                          |       |  |  |  |
|--|---------------|-----------|--------------------------|-------|--|--|--|
| Reporting Owner Name / Address   | Director      | 10% Owner | Officer                  | Other |  |  |  |
| DeManche Joseph P<br>C/O AMERESCO, INC.<br>111 SPEEN STREET, SUITE 410<br>FRAMINGHAM, MA 01701 |               |           | Executive Vice President |       |  |  |  |

# **Signatures**

| David J. Corrsin, Attorney-in-fact | 10/12/2011 |
|------------------------------------|------------|
| **Signature of Reporting Person    | Date       |

## **Explanation of Responses:**

- \* If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on December 1, 2010.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

| Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB nu | mber. |
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